| L Number | Hits | Search Text | DB | Time stamp |
|-------------|------|--|---|---------------------|
| 1 | 741 | (604/177,165.03,165.01,171,167.01,160).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/10 12:39 |
| 2 | 54 | ((william near polley) or (fidelis near onwumere)).in. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/10 12:31 |
| 3 | 165 | ((604/177,165.03,165.01,171,167.01,160).CCLS.) and introducer | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/10 12:39 |
| 4 | 21 | (((604/177,165.03,165.01,171,167.01,160).CCLS.) and introducer) and (hinge or seamless) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/10 12:37 |
| 5 | 89 | (((604/177,165.03,165.01,171,167.01,160).CCLS.) and introducer) and integral\$3 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/10 12:39 |
| 7 | 348 | ((604/177,165.03,165.01,171,167.01,160).CCLS.) and (sheath or introducer) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/10 12:57 |
| 9 | 10 | (((604/177,165.03,165.01,171,167.01,160).CCLS.) and (sheath or introducer)) and (living near hinge) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/10 12:51 |
| 8 | 177 | (((604/177,165.03,165.01,171,167.01,160).CCLS.) and (sheath or introducer)) and integral\$3 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/10 12:57 |
| 10 | 1 | (((604/177,165.03,165.01,171,167.01,160).CCLS.) and (sheath or introducer)) and (seamless or (without near seam)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/10 13:18 |
| 11 | 353 | ((604/177,165.03,165.01,171,167.01,160).CCLS.) and (sheath or introducer or dilator) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/10 12:57 |
| 12 | 5 | (((604/177,165.03,165.01,171,167.01,160).CCLS.) and (sheath or introducer or dilator)) not (((604/177,165.03,165.01,171,167.01,160).CCLS.) and (sheath or introducer)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/10 13:17 |
| 13 | 4089 | (604/158-177).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/10 13:18 |
| 14 | 2 | ("4983168").PN. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/10 14:09 |

| 15 | 22 | ("Re31855" "2227682" "3382872" "3656479" | USPAT | 2003/10/10 | |
|----|----|---|------------|------------|---|
| | | "3677243" "4166469" "4182582" | | 14:09 | |
| | | "4243050" "4306562" "4345606" "4354491" | | | |
| | | "4402685" "4411654" "4412832" | | | |
| | | "4451256" "4596559" "4723942" "4747833" | | | |
| | | "4772266" "4776846" "4781690" | | | * |
| | | "4830805").PN. | | | |
| 16 | 33 | 4983168.URPN. | USPAT | 2003/10/10 | ç |
| | | | | 14:12 | 2 |
| 17 | 20 | ((604/158-177).CCLS.) and ((thermoplastic near | USPAT; | 2003/10/10 | |
| | | elastomer) same polyethylene) | US-PGPUB; | 15:12 | |
| | | | EPO; JPO; | | |
| | | | DERWENT | | |
| - | 15 | ((604/177, 165.03, 164.01, 171, 167.01, | USPAT; | 2002/11/07 | |
| | | "160").CCLS.) and introducer and (one near piece) | US-PGPUB | 10:21 | |
| - | 3 | (((604/177, 165.03, 164.01, 171, 167.01, | USPAT; | 2002/11/07 | |
| | | "160").CCLS.) and introducer and (one near | US-PGPUB | 10:27 | |
| | | piece)) and polymer | | | |
| - | 15 | ((604/177, 165.03, 164.01, 171, 167.01, | USPAT; | 2002/11/07 | |
| | ļ | "160").CCLS.) and introducer and (one near piece) | US-PGPUB | 11:25 | |
| - | 3 | (((604/177, 165.03, 164.01, 171, 167.01, | USPAT; | 2002/11/07 | Ì |
| | _ | "160").CCLS.) and introducer and (one near | US-PGPUB | 11:09 | |
| | | piece)) and tear | | | |
| - | 3 | (((604/177, 165.03, 164.01, 171, 167.01, | USPAT; | 2002/11/07 | |
| | _ | "160").CCLS.) and introducer and (one near | US-PGPUB | 11:11 | |
| | | piece)) and valve | 05 . 0. 05 | ***** | |
| - | 98 | (604/167.01).CCLS. | USPAT; | 2002/11/07 | |
| | | (60.710.101).0022. | US-PGPUB | 11:12 | |
| _ | 68 | ((604/167.01).CCLS.) and valve | USPAT; | 2002/11/07 | |
| | | ((00.1) 10.101).00221) and valve | US-PGPUB | 11:13 | |
| _ | 4 | ((604/167.01).CCLS.) and ((safety or (self near | USPAT; | 2002/11/07 | |
| | | sealing)) near valve) | US-PGPUB | 11:13 | |
| - | 47 | ((604/167.01).CCLS.) and valve and introduc\$3 | USPAT; | 2002/11/07 | |
| | | | US-PGPUB | 11:16 | |
| - | 1 | ("5,180,376").PN. | USPAT; | 2002/11/07 | |
| | _ | (-,, | US-PGPUB | 11:16 | |
| - | 76 | ("3941119" "4066070" "4129129" | USPAT | 2002/11/07 | |
| | | "4177814" "4411655" "4475548" "4586923" | | 11:19 | |
| | | "4589868" "4610674" "4634432" | | = = | |
| | | "4643194" "4673393" "4715360" "4723936" | | | |
| | | "4815478" "4946133" "4960410" | | | |
| | | "4976688" "4983165" "4985022" "5019040" | | | |
| | | "5055101" "5057084" "5066285" | | | |
| | | "5069217" "5098412" "5104389" "5109830" | | | |
| | | "5125893" "5127626" "5147315" | | | |
| | | "5167636" "5180376" "5205325" "5207656" | | | |
| | | "5215537" "5221255" "5221270" | | | |
| | | "5222948" "5226899" "5242425" "5273546" | | | |
| | 1 | "5275152" "5279596" "5279597" | | | |
| 1 | | "5284474" "5300033" "5300034" "5300048" | | | |
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| | l | 3324202 3323630 3334163 | | | |
| | | "5324262" "5325850" "5334185" "5338313" "5364357" "5380304" "5383852" | | | |
| | | "5338313" "5364357" "5380304" "5383852" | | | |
| | | "5338313" "5364357" "5380304" "5383852" "5403292" "5456665" "5460608" | | | |
| | | "5338313" "5364357" "5380304" "5383852" | | | |
| | | "5338313" "5364357" "5380304" "5383852" "5403292" "5456665" "5460608" "5462527" "5467763" "5484425" "5496294" | | | |
| | | "5338313" "5364357" "5380304" "5383852" "5403292" "5456665" "5460608" "5462527" "5467763" "5484425" "5496294" "5513628" "5514236" "5520644" | | | |

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|---|----|---|----------|----------------|
| - | 76 | | USPAT | 2002/11/07 |
| | | "4177814" "4411655" "4475548" "4586923" | | 11:18 |
| | | "4589868" "4610674" "4634432" | | |
| | | "4643194" "4673393" "4715360" "4723936" | | İ |
| | | "4815478" "4946133" "4960410" | | |
| | | "4976688" "4983165" "4985022" "5019040" | | |
| | | "5055101" "5057084" "5066285" | | |
| | | "5069217" "5098412" "5104389" "5109830" | | i |
| | | "5125893" "5127626" "5147315" | | |
| | | "5167636" "5180376" "5205325" "5207656" | | |
| | | "5215537" "5221255" "5221270" | | |
| | | "5222948" "5226899" "5242425" "5273546" | | |
| | | "5275152" "5279596" "5279597" | | |
| | | "5284474" "5300033" "5300034" "5300048" | | |
| | | "5324262" "5325850" "5334185" | | |
| | | "5338313" "5364357" "5380304" "5383852" | | |
| | | "5403292" "5456665" "5460608" | | |
| | | "5462527" "5467763" "5484425" "5496294" | | |
| | | "5513628" "5514236" "5520644" | | |
| | | "5569200" "5584821" "5599325" "5630806" | | |
| | | "5676659" "5725513" "5782817" | | |
| | | "5807328" "5865800" "5895377").PN. | | |
| - | 37 | \\ | USPAT | 2002/11/07 |
| | | "4177814" "4411655" "4475548" "4586923" | | 11:19 |
| | | "4589868" "4610674" "4634432" | | |
| | | "4643194" "4673393" "4715360" "4723936" | | |
| | | "4815478" "4946133" "4960410" | | |
| | | "4976688" "4983165" "4985022" "5019040" | | |
| | | "5055101" "5057084" "5066285" | | |
| | | "5069217" "5098412" "5104389" "5109830" | | |
| , | | "5125893" "5127626" "5147315" | | |
| | | "5167636" "5180376" "5205325" "5207656" | | |
| | | "5215537" "5221255" "5221270" | | |
| | | "5222948" "5226899" "5242425" "5273546" | | |
| | | "5275152" "5279596" "5279597" | | |
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| | | 1 "5324262" "5325850" "5334185" | | |
| | | "5338313" "5364357" "5380304" "5383852" | | |
| 1 | | "5403292" "5456665" "5460608" | | |
| | | "5462527" "5467763" "5484425" "5496294" | | |
| | | "5513628" "5514236" "5520644" | | |
| | | "5569200" "5584821" "5599325" "5630806" | | |
| | | "5676659" "5725513" "5782817" | | |
| | | "5807328" "5865800" "5895377").PN.) and | | |
| L | L | valve | <u> </u> | l |

| - | 21 | (("3941119" "4066070" "4129129" | USPAT | 2002/11/07 |
|----|-----|---|--------------|------------|
| | | "4177814" "4411655" "4475548" "4586923" | | 11:21 |
| | | "4589868" "4610674" "4634432" | | |
| | | "4643194" "4673393" "4715360" "4723936" | | |
| | | "4815478" "4946133" "4960410" | | _ |
| | | "4976688" "4983165" "4985022" "5019040" | | |
| | | "5055101" "5057084" "5066285" | | |
| | | "5069217" "5098412" "5104389" "5109830" | | 7 |
| | | "5125893" "5127626" "5147315" | | |
| | | "5167636" "5180376" "5205325" "5207656" | | |
| | | "5215537" "5221255" "5221270" | | |
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| | | "5275152" "5279596" "5279597" | | |
| | | "5284474" "5300033" "5300034" "5300048" | | |
| | | "5324262" "5325850" "5334185" | | |
| | | "5338313" "5364357" "5380304" "5383852" | | |
| | | "5403292" "5456665" "5460608" | | |
| | | "5462527" "5467763" "5484425" "5496294" | | |
| | | "5513628" "5514236" "5520644" | | |
| | | "5569200" "5584821" "5599325" "5630806" | | |
| | | "5676659" "5725513" "5782817" | | |
| | | "5807328" "5865800" "5895377").PN.) and | | |
| | | valve and introducer | | |
| _ | 1 | ((("3941119" "4066070" "4129129" | USPAT | 2002/11/07 |
| | | "4177814" "4411655" "4475548" "4586923" | | 11:21 |
| | | "4589868" "4610674" "4634432" | | |
| | | "4643194" "4673393" "4715360" "4723936" | | |
| | | "4815478" "4946133" "4960410" | | |
| | | "4976688" "4983165" "4985022" "5019040" | | |
| | | "5055101" "5057084" "5066285" | | |
| } | | "5069217" "5098412" "5104389" "5109830" | | |
| | | "5125893" "5127626" "5147315" | | |
| İ | | "5167636" "5180376" "5205325" "5207656" | | |
| | | "5215537" "5221255" "5221270" | | |
| | | "5222948" "5226899" "5242425" "5273546" | | |
| | 1 | "5275152" "5279596" "5279597" | | |
| | - | "5284474" "5300033" "5300034" "5300048" | | |
| | | "5324262" "5325850" "5334185" | | |
| | | "5338313" "5364357" "5380304" "5383852" | | |
| | | "5403292" "5456665" "5460608" | | |
| | | "5462527" "5467763" "5484425" "5496294" | | |
| | 1 | "5513628" "5514236" "5520644" | | |
| | 1 | "5569200" "5584821" "5599325" "5630806" | | |
| | | "5676659" "5725513" "5782817" | | |
| | | "5807328" "5865800" "5895377").PN.) and | | |
| | | valve and introducer) and (bevel or beveled) | | |
| _ | 1 | "4850975".PN. | USPAT | 2002/11/07 |
| | 1 | | | 11:22 |
| - | 2 | (((604/177, 165.03, 164.01, 171, 167.01, | USPAT; | 2002/11/07 |
| | 1 | "160").CCLS.) and introducer and (one near | US-PGPUB | 11:23 |
| | 1 | piece)) and bevel\$3 | | |
| - | 191 | ((604/177, 165.03, 164.01, 171, 167.01, | USPAT; | 2002/11/07 |
| | | "160").CCLS.) and introducer | US-PGPUB | 11:55 |
| - | 1 | (((604/177, 165.03, 164.01, 171, 167.01, | USPAT; | 2002/11/07 |
| | | "160").CCLS.) and introducer) and (liquid near | US-PGPUB | 11:56 |
| | 1 | crystal) | | |
| 1. | 22 | (((604/177, 165.03, 164.01, 171, 167.01, | USPAT; | 2002/11/07 |
| | | "160").CCLS.) and introducer) and polycarbonate | US-PGPUB | 12:59 |
| _ | 1 | ("1798709").PN. | USPAT; | 2002/11/07 |
| | 1 | (1,50,05) | US-PGPUB | 12:59 |
| | I | | 1 22-1 01 00 | 12.07 |

| | | (#0620469") (#117000E")) DN | LIODAT. | 0000/11/07 |
|-----|---------|---|-----------|------------|
| - | 2 | (("0630468") or ("1179095")).PN. | USPAT; | 2002/11/07 |
| _ | | (T. 50. 400) DV | US-PGPUB | 13:00 |
| - · | 1 | ("1721422").PN. | USPAT; | 2002/11/07 |
| | | | US-PGPUB | 13:00 |
| - | 1222 | (604/177, 165.03, 164.01, 171, 167.01, 160, | USPAT; | 2003/06/30 |
| | | "158").CCLS. | US-PGPUB; | 11:58 |
| | | | EPO; JPO; | |
| | | | DERWENT | |
| - | 267 | ((604/177, 165.03, 164.01, 171, 167.01, 160, | USPAT; | 2003/06/30 |
| | | "158").CCLS.) and introducer | US-PGPUB; | 11:58 |
| | | | EPO; JPO; | |
| | | | DERWENT | |
| - | 45 | (((604/177, 165.03, 164.01, 171, 167.01, 160, | USPAT; | 2003/06/30 |
| | | "158").CCLS.) and introducer) and ((one near | US-PGPUB; | 12:19 |
| | | piece) or unitary) | EPO; JPO; | |
| | | 1, | DERWENT | |
| _ | 22 | (((604/177, 165.03, 164.01, 171, 167.01, 160, | USPAT; | 2003/06/30 |
| | | "158").CCLS.) and introducer) and hinge | US-PGPUB; | 12:06 |
| | | | EPO; JPO; | |
| | | | DERWENT | |
| 1_ | 24 | (((604/177, 165.03, 164.01, 171, 167.01, 160, | USPAT; | 2003/10/10 |
| | [~ ~ ~ | "158").CCLS.) and introducer) and (one near | US-PGPUB; | 12:27 |
| ļ | | piece) | EPO; JPO; | |
| | | piece | DERWENT | |
| | 10 | ("3550591" "4175564" "4306562" | USPAT | 2003/06/30 |
| _ | 10 | "4354491" "4402685" "4412832" "4569347" | 001111 | 12:23 |
| | | 1"4626245" "4798594" "5078700").PN. | | 12.20 |
| | 10 | 5188605.URPN. | USPAT | 2003/06/30 |
| - | 10 | OTOGOOO.OKFIY. | | 12:24 |
| | , | ("5167634").PN. | USPAT | 2003/06/30 |
| - | 1 | (310/034).FN. | OSIAI | 12:47 |
| | 010 | W604/177 165 02 164 01 171 167 01 | USPAT; | 2003/06/30 |
| - | 213 | ((604/177, 165.03, 164.01, 171, 167.01, | 1 | 14:17 |
| I | | "160").CCLS.) and introducer | US-PGPUB | 14:1/ |